-There is no change in mass.

c) Mention any two uses of the change mentioned in everyday life.

-condensation of water vapour in clouds leads to rain fall formation.

-used in making ice cream, etc.

NATURAL RESOURCES

Natural resources are resources obtained in the environment that are useful to man.

Natural resources utilized by man include; air, water, trees, rocks and minerals and fossil fuels.

Natural resources are categorized into two that is renewable and non-renewable natural resources.

Renewable natural resources include air, water and trees.

These are resources which can easily be replaced/replenished once used up.

Non-renewable natural resources are resources which cannot easily be replaced/replenished once used up.

Examples include; rocks and minerals, fossil fuels.

Composition of natural resources;

Air is composed of oxygen, nitrogen, carbon dioxide, etc.

Water is composed of hydrogen and oxygen which are chemically combined.

Trees are composed of carbon, hydrogen, oxygen, etc.

Rocks consists of mineral elements like iron, magnesium, zinc, etc.

Fossil fuels are composed of hydro carbons that is carbon and hydrogen and some other impurities like sulphur.

Scanned with CamScanner

Item 10

During her school holiday, Harriet visited her aunt who works at stone quarry. She noticed that explosives were being used to blast big rocks to form small stones and there was a lot of dust rising into the air.

Besides the social benefits, Harriet was concerned about what would happen to the site and community if the activity continued over time.

Task:

As a chemistry learner of chemistry, make a write up to respond to Harriet's concern.

Natural resources are categorized into renewable and non-renewable natural resources.

Rocks are non-renewable natural resources since cannot easily be replenished once used up.

Air is renewable natural resource since it can easily be replenished once used up.

Composition of natural resources

Air is composed of oxygen, nitrogen, carbon dioxide, etc.

Rocks consists of mineral elements like iron, magnesium, zinc, etc.

Scanned with CamScanner